



## HFC COLOR TESTER

The HFC Xenon Flashtube Color Scene Tester is the newest and most modern unit for printing subtractive color strips of 16 frames of the same scene with a range of hues and intensities. This machine has been designed and built to print scene test strips to the most exacting color control requirements.

### Features:

1. The exposure of the negative being tested is always precisely controlled. This is accomplished by use of the Xenon flashtube whose light output is directly proportional to the electrical energy supplied to it.
2. A 16 frame exposure gate permits a range of 6 different exposures with the standard color pack combination and 10 frames with a range of intensity and hue differences.
3. The platen, color positive raw stock and guides are moved down to the negative in the exposure gate by a pneumatic cylinder thereby eliminating physical labor.
4. When the positive film and the platen contact the negative in the flat gate, there is no shifting of negative position and contact is firm.
5. After each exposure the positive film is advanced by a time controlled motor. The time control is adjustable therefore spacing between exposed strips can be changed.
6. Each frame of the exposure gate is provided with guides so that proper filter combinations can be inserted without difficulty.
7. The basic color pack which has to be adjusted for emulsion changes, is easily accessible through an opening at the front of the machine.
8. To meet conditions of developer modifications and emulsion changes, the overall light output is adjusted by a 30 point switch. This switch controls the energy supplied to the lamp by changing the amount of capacitance across the lamp. This direct control of energy input to the lamp, by discrete amounts of capacitance, with the voltage held constant, provides excellent, simple, control procedure.
9. The power supply to the lamp has been conservatively designed so that when the unit is connected to a regulated A.C. supply, the light output at a given capacitance setting, is accurately reproduced.

10. A characteristic of the Xenon flashtube is that the color quality of the light is not changed during the life of the tube.
11. The basic Xenon flashtube with its electrical circuitry is inherently simple and dependable.
12. The power supply has been designed to allow rapid charging of the capacitor bank so that no time is lost between successive exposure of strips.
13. The negative film is guided over the flat exposure gate on rails which are spring loaded to float above the engraved glass in the exposure gate, thus eliminating possible negative scratches. Firm negative/positive contact at time of exposure is accomplished by the spring loaded platen.
14. In this tester there are no meters, no shutters, no optics, no motors, and no moving parts between the light source and the negative/positive plane.

HOLLYWOOD FILM COMPANY  
956 Seward Street  
Hollywood, California 90038  
Area Code 213 - HO 2-3284

MACKENZIE EQUIPMENT CO.  
2 Homewood Avenue  
Toronto, Ontario, Canada  
924-9633

122 West Kinzie  
Chicago, Ill. 60610  
A. C. 312 - 644-1940

524 West 43rd St.  
New York City, N. Y.  
A. C. 212 - LO 3-1546